

DEPARTMENT OF TRANSPORTATION

DIVISION OF ENGINEERING SERVICES

Office of Structural Materials

Quality Assurance and Source Inspection



Bay Area Branch

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Contract #: 04-0120F4Cty: SF/ALA Rte: 80 PM: 13.2/13.9File #: 69.15**SOURCE INSPECTION REPORT****Resident Engineer:**Pursell, Gary**Address:** 333 Burma Road**City:** Oakland, CA 94607**Report No:** SIR-000171**Date Inspected:** 22-Nov-2007**Project Name:** SAS Superstructure**OSM Arrival Time:** 630**Prime Contractor:** American Bridge/Fluor Enterprises, a JV**OSM Departure Time:** 1530**Contractor:** Zhenhua Port Machinery Company, Ltd (ZPMC), Changxing Island **Location:** Shanghai, China

Quality Control Contact:	Certified Welding Inspector (CWI) John Huang			Quality Control Present:	Yes	No
Material transfer:	Yes	No	N/A	Sampled Items:	Yes	No N/A
Stock Transfer:	Yes	No	N/A	OK to Cut:	Yes	No N/A
Rebar Test Witness:	Yes	No	N/A	Delayed/Cancelled:	Yes	No N/A

Other: N/A**Bridge No:** 34-0006**Component:** Procedure Qualification Record (PQR) Test S**Bid Item:** 52**Lot No:** B97-003-07**Summary of Items Observed:**

On this date, the Caltrans Quality Assurance (QA) representative, John P. Tracy, performed a witness of Procedure Qualification Record (PQR) mechanical testing samples. Following is a list of test plates and the details of the review.

Upon arrival, Kevin Dye, Danny McDonald and David LaRue of American Bridge Fabricator (ABF) were present and in the company of ZPMC Certified Welding Inspector (CWI)- Huang Wei.

Test Plate ID HP2007261, Caltrans witness lot number B97-003-07. The PQR welding was witnessed by Caltrans Inspector, Dan Hernandez, lot # L30-139-07. A four piece set of macro etch samples were presented for witness. The lot had noted indications of Lack of Fusion in the root area. Per ZPMC, the HP2007261 macro etch sample lot was rejected for said indications. Further action is pending.

Summary of Conversations:

At the completion of the mechanical testing the ZPMC CWI, Wei Huang, reported that the mechanical tests were found to be rejectable in accordance to the criteria set forth in contractual documents. Further results are pending as of this date.

Comments

This report is for the purpose of determining conformance with the contract documents and is not for the purpose of making repair or fit for purpose recommendations. Should you require recommendations concerning repairs or remedial efforts please contact Mazen Wahbeh, (818) 292-0659, who represents the Office of Structural Materials for your project.

SOURCE INSPECTION REPORT

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Inspected By:	Tracy,John	Quality Assurance Inspector
Reviewed By:	Cuellar,Robert	QA Reviewer
